Lifestyle Indices - Heating and Cooling Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

Geography: Global **Attribution Required:** n/a **Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Heating and Cooling index provides indices describing the amount of heating/cooling that is required to maintain a comfortable indoor temperature, based on weather conditions.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

URL Construction

Atomic API URL Examples:	
Heating and Cooling Index - Daypart API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/heatCool/daypart/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/heatCool/daypart/3day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxHeatCoolDaypart3
https://api.weather.com/v2/indices/heatCool/daypart/5day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxHeatCoolDaypart5
https://api.weather.com/v2/indices/heatCool/daypart/7day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxHeatCoolDaypart7
https://api.weather.com/v2/indices/heatCool/daypart/10day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxHeatCoolDaypart10
https://api.weather.com/v2/indices/heatCool/daypart/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxHeatCoolDaypart15
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/heatCool/daypart/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/heatCool/daypart/3day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxHeatCoolDaypart3

Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls	Usage

						Allowed	
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	num	Daypart Segment (12hour) - Sequential daypart number, where 1 = daytime of Day 0	[integer]		21	N	Display As Provided
	dayInd	Day / Night Indicator	[string]	D, N	D	N	Display As Provided
	daypartName	Name of 12hr daypart, not including day names in first 48hrs	[string]		Tomorrow	N	Display As Provided
Atomic Indices							
Heating and Cooling Index	heatingCoolingCategory	Descriptive text of Heating and Cooling Index	[string]		Some Heating for Comfort	N	Display As Provided
	heatingCoolingIndex	Index describing the amount of heating/cooling that is required to maintain a comfortable indoor temperature, based on weather conditions. 0=No Heating or Cooling, 1-2=Little or No Cooling Required, 3-6=Some Cooling for Comfort, 7-8=Cooling May be Necessary, 9-10=Cooling Required, -1to-2=Little or No Heating Required, -3to-6=Some Heating for Comfort, -7to-8=Moderate Heating, -9 to-10=Heating Required	[integer]	-10 to 10	-5	N	Display As Provided

JSON Sample

JSON Sample - Daypart


```
{
"metadata": {},
"heatingCoolingIndex12hour": {
"fcstValid": [],                    {//JSON payload},
"fcstValidLocal": [],               {//JSON payload},
"dayInd": [],                       {//JSON payload},
"num": [],                          {//JSON payload},
"daypartName": [],                  {//JSON payload},
"heatingCoolingIndex": [],          {//JSON payload},
"heatingCoolingCategory": []        {//JSON payload},
}
}
```